

IN THE SPECIFICATION

Please replace the paragraph at page 12, lines 6-22, with the following rewritten paragraph:

After this determination process, the resource allocation priority ordering part 108 determines the priority order so as to allocate the radio resource to unsatisfied radio terminals or communication connections, which do not satisfy respective required qualities, with higher priorities than satisfied radio terminals or satisfied communication connections, which satisfy respective required qualities. First, the radio resource allocating process with a higher priority is conducted for the unsatisfied radio terminals or communication connections (step 302). Next, it is determined whether or not the radio resource is remaining (step 303). When the radio resource is remaining, the radio resource allocating process is conducted for the ~~unsatisfied~~ satisfied radio terminals or communication connections (step 304).

Please replace the paragraph at page 13, lines 13-22, with the following rewritten paragraph:

When the priority order of the radio resource allocation is determined, the resource allocating part 110 determines whether or not the radio resource is remaining (step 402). When the radio resource is remaining, the remained radio resource is allocated to the unsatisfied radio terminals or communication connections (step 403). On the other hand, when the radio resource is not remained, the ~~second~~ first radio resource allocating process is terminated.

Please replace the paragraph at page 14, line 31 to page 15, line 10, with the following rewritten paragraph:

For example, it is assumed that the communication quality is shown by the delay time at a transmission and the required qualities of the radio terminals or the communication connections are shown by an allowable delay time. Also, it is assumed that there are a radio terminal A having the allowable delay time 1 and actual delay time 3 and a radio terminal B having the allowable delay time 3 and actual delay time 4. According to the radio resource allocating method, since a delay time difference of the radio terminal A between the allowable delay time and the actual delay time is greater than that of the radio terminal B even if the actual delay time of the radio terminal B is longer than that of the radio terminal A, the radio resource is allocated to the radio terminal A with higher priority.

Please replace the paragraph at page 21, line 23 to page 22, line 2, with the following rewritten paragraph:

That is, when  $D > D_{th}$  where  $D_{th}$  denotes the allowable delay time and  $D$  denotes an average actual delay time for an observation section  $T$ , the required quality is not satisfied. In the first radio resource allocating process in FIG. 6, the radio resource is allocated in a descending order of the actual delay time  $D$ . In the second radio resource allocating process in FIG. 7, the radio resource is allocated in a descending order of an absolute value  $|S_{th} - S|$ . In the fourth radio resource allocating process in FIG. 9, the radio resource is allocated in a descending order of a value  $|S - S_{th}| / S_{th}$ . On the other hand, when  $[S < S_{th}]$   $S > S_{th}$ , the required quality is satisfied. In the first radio resource allocating process in FIG. 6, the radio resource is allocated in an ascending order of the actual throughput  $S$ . In the third radio resource allocating process in FIG. 8, the radio resource is allocated in an ascending order of

an absolute value  $|S-Sth|$ . In the fifth radio resource allocating process in FIG. 10, the radio resource is allocated in an ascending order of a value  $|S-Sth|/Sth$ .